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Examiner Initial	Document Num		Patent/ Publication	Name	Class	SubClass		Date I		
	6 602 677 D1		Date 09/05/02	N/a a d at al	435	8				
	6,602,677 B1 7,183,092 B2		08/05/03	Wood et al. Choi et al.	435	189				
	7,183,092 B2		02/2/10/	Choi et al.	433	109				
	***************************************			NT DOCUMENTS						
	Document Num	ber	Patent/ Publication Date	Country	Class	SubClass		slatio		
	0.680.515.B.L		08/26/08			1/0/1	Yes	No		
	1 224 294 B1		10/03/07	EP	C12N	15/53	X			
	WO 95/18853		07/13/95	PCT	C12N	9/02	X	-		
	WO 96/02665		02/01/96	PCT	C12Q	1/04	X	+		
	WO 96/22376		07/25/96	PCT	C12V	15/53	X	-		
	WO 99/14336		03/25/99	PCT	C12N	15/53	$\frac{\Lambda}{X}$	+		
	WO 01/20002		03/22/01	PCT	C12N	15/53	$\frac{\Lambda}{X}$	┼		
	2 345 913		07/26/00	United Kingdom	C12N	15/53	$\frac{\Lambda}{X}$	+		
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711				Cloning - A Laborate				ion		
	1989; pp. 17.3			Johnng - A Laborato	ny ivianuai	, second	Eun	uon		
				uence Analysis, and l	Gymressinn	of Active	a			
				ciferases: Relationsh				nce		
	(:			Biochemistry 1999,	•		116066	V1100		
				ology of THE CELL			land			
	Publishing, Ir				111114 154	111011, Our	iuiiu			
	Arkin, A. et a	1: "O	ntimizing Nu	cleotide Mixtures to	Encode Sr	ecific Sul	bsets	of		
		for S		Mutagensis"; Bio/Te						
			aturation Site	-directed Mutagenes	is of Thyn	nidylate S	yntha	ise"		
				istry; Vol. 265, No. 3						
	Conti, E. et al	.; "Cr	ystal structure	e of firefly luciferase	throws lig	ght on a				
	superfamily o 1996; pp. 287		nylate-formin	g enzymes"; Structur	re; Vol. 4,	No. 3; Ma	arch 1	15,		
EXAMINE				Date Considered						
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				n conformance with MPEP 6 communication to applicant.		through citati	on if no	ot in		
Based on Form I		opy or t	mo loran with next	Patent and Trademark		partment of C	ommer	rce		
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	OTHER DOCUMEN	TS (Including	Authors, Title,	Date, Perti	inent P	apers, et	2.)			
	VAX"; Nucle		rehensive set of s rch; Vol. 12; No.							
***************************************	395									
	, , ,		tandom Mutagen				-	nts		
	1 1 -	erase Chain Rea 95; pp. 347-353	action; Analytica	1 Biochemi	stry; vo	31. 224, iN	0. 1,			
			tion of Biologica	Ily Active 1	Mutante	by Coml	vinato	vrial		
			sion of Wild-Ty							
	1 1 1	•	ol. 218; No. 2, Ma	•		~		,		
			d Sensitive Prote				ence;	Vol		
		2, 1985; pp. 14						******		
			encing with chai							
	Proceedings of 1977; pp.5463		Academy of Scie	inces; Vol.	74; No.	12; Dece	mber	C		
· · · · · · · · · · · · · · · · · · ·			Biology of the C	Jene" Fourt	h Editio	on: The				
	Benjamin/Cu	•	hing Company; V			-	1987;	p.		
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		Willey, T. et al.; "Design and Selection of Firefly Luciferases with Novel <i>In Vivo</i> and <i>In Vitro</i> Properties"; Proceedings of the 11th International Symposium on									
		Bioluminescence & Chemiluminescence; September 6-10, 2000; pp. 201-204									
		Steghens, J. et al.; "Firefly luciferase has two nucleotide binding sites: effect of nucleoside monophosphate and CoA on the light-emission spectra"; Biochem. J.; (1998) 336, pp 109-113 Kim-Choi, E. et al.; "Kinetic characterization and in vitro toxicity evaluation of a luciferase less susceptible to HPV chemical inhibition"; Toxicology in Vitro 20									
	ļ										
		(2006) pp. 1537			autant luciforaca naci	atant to U	DV obomi				
		Kim-Choi, E. et al.; "Creating a mutant luciferase resistant to HPV chemical inhibition by random mutagenesis and colony-level screeing"; Luminescense									
		2006; 21: pp. 13			said colony level st	, , L		,,,,,,			

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